GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA

UNSTARRED QUESTION NO:3891
ANSWERED ON:30.04.2007
REQUIREMENT OF GAS FOR GAS BASED FERTILIZER UNITS
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Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) the number of gas based fertilizer units set up in the country, State-wise;

(b) the approximate requirement of natural gas of each of those fertilizer units;

(c) whether the fertilizer units are getting adequate quantum of gas;

(d) if not, the shortfall in respect of each such unit recorded so far; and

(e) the steps taken to meet the shortage of gas?

Answer

MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI B.K. HANDIQUE)

(a)

Sl.No.	States	No. of gas based fertilizer units
1.	Andhra Pradesh	2
2.	Assam	2
3.	Gujarat	3
4.	Madhya Pradesh	2
5.	Maharashtra	1
6.	Rajasthan	2
7.	Uttar Pradesh	7

(b) to (d) A statement is attached.

(e) An Inter-Ministerial committee has been constituted under the Chairmanship of Secretary(Petroleum) with Secretary (Expenditure), Secretary(Fertilizers) and Member, Planning Commission as members of the committee to examine the pipeline connectivity and supply of Gas to urea units and also to develop appropriate mechanism for fixing the price of gas in a transparent manner.

Annexure

Approximate requirement/shortage of gas for gas based fertilizer units

SI. No.	Name of fertilizer unit	Reassessed NPS II urea capacity preset (Annual) energy norm (plant) norm for 100% capacity utilisation 100% based on capacity capacity reassessed capacity utilization (col5-Col6) (MT/Yr.)	Approximate preset total requirement of gas wrt existing energy norm (Gca/MTurea)	Actual usage of gas during the year 2005-06 (Million SM3)	Unitwise approximate shortage of gas wrt actual consumption for normated 100% utilisation based on reassessed capacity (Million SM3)
1	2	3	4	5	6 7
1	BVFCL - Namrup-III	315000	12.688	363.00	363.00 0.00
2	BVFCL - Namrup-II	240000	12.610	297.00	204.60 92.40
3	CFCL Gadepan -I	864600	5.712	533.90	457.28 76.63
4	CFCL Gadepan -II	864600	5.678	530.72	336.80 193.92

5	GSFC - Baroda	370590	6.935	277.84	246.67	31.17
6	IFFCO - Aonla-I	864600	5.938	555.03	482.65	72.37
7	IFFCO - Aonla-II	864600	5.660	529.04	418.16	110.89
8	IFFCO -Phulpur-I	551100	7.847	467.51	397.51	70.00
9	IFFCO -Phulpur-II	864600	5.883	549.89	314.89	235
10	IFFCO -Kalol	544500	6.836	402.40	324.04	78.36
11	Indo-Gulf-Jagdishpur	864600	5.874	549.04	421.92	127.13
12	Kribhco - Hazira	1729200	5.952	1112.67	1042.69	69.98
13	KSFL - Shahjahanpur	864600	5.712	533.90	518.23	15.68
14	NFL - Vijaipur -I	864600	5.952	556.34	497.18	59.15
15	NFL - Vijaipur -II	864600	5.712	533.90	443.86	90.04
16	NFCL - Kakinada-I	597300	5.712	368.84	307.31	61.53
17	NFCL - Kakinada-II	597300	5.712	368.84	152.94	215.9
18	RCF - Thal	1706760	7.004	1292.34	655.62	636.72
19	TCL - Babrala	864600	5.507	514.74	418.67	96.07
Total :		10336.94	8004.02	2332.94	10440	2330

Note : 1 The units namely, IFFCO-Phulpur-I (presently under pre-1992 naphtha group), CFCL-Gadepan-II & IFFCO-Phulpur-II (presently under post- 1992 baphtha group), GSFC-Baroda, IFFCO-Kalol, RCF-Thal (presently under mixed feed group) have been considered as gas based units for the purpose of estimating requirement/shortage of gas.

2 Approximate requirement/shortage of gas in respect of each of the gas based fetilizer units has been estimated considering 100% capacity utilisation of urea (w.r.t. reassessed capacity) at respective existing preset energy norms and assuming that there would be usage of only gas (at normative NCV of 9250 Kcal/Sm3) for both feedstock and fuel for production of urea. The above assumptions are made to estimate approximate requirement/shortage of gas in order to have a common basis of calculation for all the gas based urea units in order to have normative figures which could be worked upon for different levels of capacity utilisation.

3 It is likely that there would be some variations in requirement /shortage of gas depending upon actual mode of plant operation.

4 For BVFCL-Namrup-II & III and IFFCO-Phulpur-I & II units, estimated data in respect of requirement/shortage of gas has been collected from the respective companies over telephone.

5 On the basis of above assumptions, the requirement and shortage of gas for the 19 gas based urea units, as cosidered above, are estimated to be approximately at the level of 10440 million SM3 and 2330 million SM3 per annum respectively.